Index of Claims

| Application/Control No | Application/C | ontrol | No. |
|------------------------|---------------|--------|-----|
|------------------------|---------------|--------|-----|

10/070,032

Date

Examiner

Aslan Ettehadieh

Applicant(s)/Patent under Reexamination

CULCA, HOREA-STEFAN

Art Unit

2611

| 1 | Rejected |
|---|----------|
| _ | Allowed  |

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postricted                     |

Claim

| N | Non-Elected  |
|---|--------------|
| 1 | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

|          |                       |              |                |           |          |          | J        |          |           |  |     |          |
|----------|-----------------------|--------------|----------------|-----------|----------|----------|----------|----------|-----------|--|-----|----------|
| Cla      |                       |              |                |           |          | 201      |          |          |           | $\neg$   | (   | -        |
| Cla      |                       | <u> </u>     |                | _         |          | Date     |          | _        |           | Н  | ŀ   | '        |
| <u></u>  | Original              | 11/29/05     | 3/18/06        |           |          |          |          |          |           |  |     | 7        |
| Final    | įĝ                    | 8            | /18/           |           |          |          |          |          | Ì         |  | -   | 100      |
| "        | Ō                     | Ξ            | 60             |           |          |          |          | ŀ        |           |  | - 1 | _        |
| $\vdash$ | 1                     | ┢            | Г              | _         | _        |          |          |          |           | П  | -   |          |
|          | 1<br>2<br>3<br>4<br>5 |              | Г              | Г         |          |          |          |          |           |  | [   |          |
|          | 3                     |              |                |           |          |          |          |          |           |  |     |          |
|          | 4                     |              | L              |           |          |          |          |          | <u></u>   | Ц  | ļ   | _        |
|          | 5                     | 1            | V              |           | _        | L        |          | _        | <u> </u>  | Ш  | - 1 | _        |
| <u></u>  | 6<br>7                | 1            | 1              | L         | _        | _        | <u> </u> | <u> </u> | <u> </u>  | $\vdash$   |     | _        |
| <u> </u> | 7                     | 1            | V              | <u> </u>  | _        | _        | ļ        | ┡        | <u> </u>  | Н  |     | _        |
|          | 8                     | =            | Ę              | <u> </u>  | ┡        | <b>-</b> | ┢        | ⊢        | ├         | Н  |     | _        |
|          | 9                     | ⊢            | 1              | <u> </u>  | -        | ⊢        | -        | ├—       | ├         | $\vdash$   |     | $\vdash$ |
|          | 10                    | ├            | <u>v</u>       | ├         | -        | ┝        | ├-       | ┝        | ├         | Н  |     | _        |
| -        | 11<br>12<br>13        | ├            | <del>  -</del> | ├         | ├        | ├        | -        | ⊢        | ├         | Н  |     | Н        |
| <u> </u> | 12                    | ⊢            | ┝              | $\vdash$  | ┢        | ┢        | -        | $\vdash$ | 1         | Н  |     | H        |
| -        | 14                    | ╁╌           | -              | ┝         | $\vdash$ | H        | $\vdash$ | -        | H         | H  |     | -        |
| _        | 14<br>15<br>16        | 一            | $\vdash$       | ┢         | ┢        | $\vdash$ | 十        | <u>├</u> | $\vdash$  | Н  |     | Г        |
| $\vdash$ | 16                    | $\vdash$     | †              | <u>├</u>  | T        | 1        | 1        | 1        | T         | П  |     | Г        |
|          | 17                    | $\vdash$     | T              | 1         | Τ        | T        |          |          | $\vdash$  | П  |     |          |
|          | 17<br>18<br>19        |              | T              | 1         | ı        | T        | T        |          |           |  | }   |          |
|          | 19                    |              |                |           |          |          |          |          |           |  |     |          |
|          | 20                    |              |                |           |          |          |          | L        |           |  |     | L        |
|          | 20<br>21              |              | L              | L         |          |          |          | <u> </u> |           |  |     | L        |
|          | 22<br>23              |              | 1_             | _         | 1_       |          | 1_       | ↓        | <u> </u>  |  |     | L        |
|          | 23                    | _            | _              | <u> </u>  | <u> </u> | ╄        | $\vdash$ | ╄        | ╄         | $\perp$  |     | L        |
|          | 24                    | 1_           | <u> </u>       | ļ_        | <u> </u> | ↓_       | ┡        | ╀        | ╄         | ├-   | ł   | L        |
|          | 25<br>26              | ╄            | ╀-             | ╄         | -        | ╄        | ╀        | ╀        | ┼-        | ╄-   |     | ⊦        |
| <b> </b> | 26                    | ┼            | ┼-             | ╁         | ╂        | ╀        | ╁        | ╁        | ╁         | ╁  | l   | ┝        |
| <u> </u> | 27                    | +            | ╀              | ╁         | ╁        | ╁        | ╁        | ╁        | ╀         | ╁╌   |     | ┝        |
|          | 28<br>29              | ╆            | ╁╌             | ╁╌        | ╂═       | ╁        | ╁╌       | ╁        | ╁╴        | +  |     | H        |
| -        | 30                    | +            | $\vdash$       | 十         | ╁╴       | +        | ╁        | 十        | +         | $\vdash$   |     | r        |
| $\vdash$ | 31                    | +            | +              | 1         | †-       | 1-       | T        | +-       | T         | <del>                                     </del> | l   | r        |
|          | 32                    | T            | $\vdash$       | 十         | $\top$   | T        | $\top$   | $\top$   | $\dagger$ | 1  | l   | Γ        |
|          | 33                    | 1            | $\top$         | T         | $\top$   | $\top$   | $\top$   | $\top$   | Τ         | T  | 1   | Γ        |
|          | 34                    | T            |                |           | Τ        | L        | Ι        |          | oxdot     |  | ]   |          |
|          | 35                    | Γ            |                |           |          |          |          |          | L         | L  | 1   | L        |
|          | 36<br>37              | $\Box$       |                | 厂         | $\perp$  | $\perp$  |          |          | $\perp$   | _  | 1   | L        |
|          | 37                    | 1            | 1              | L         | 1        | 1_       | +        | 1        | $\perp$   | 1  | -   | F        |
| <u></u>  | 38                    | 4            | $\bot$         | 1         | +        | ╀        | +        | $\perp$  | +         | <del> </del>                                     | -   | F        |
| <u> </u> | 39                    | +-           | ╂-             | +         | +-       | +        | +-       | +        | +-        | +-   | {   | H        |
| -        | 40                    | +            | +-             | +-        | +        | +        | +        | ╁        | +         | +-   | 1   | $\vdash$ |
| -        | 41                    | +            | +              | +         | ╁╴       | ╁        | ╁╴       | +        | +         | +-   | 1   | H        |
| -        | 42                    | +            | +-             | +         | +        | +        | +-       | +        | +-        | +-   | 1   | H        |
| -        | 43                    | +-           | +              | +         | ╁        | +        | +        | +        | +         | †  | 1   | H        |
|          | 45                    | +            | 十              | +         | +        | +        | +-       | T        | $\top$    | †  | 1   |          |
| <b>—</b> | 46                    | +            | +              | $\dagger$ | +        | +        | $\top$   | T        | ╅         | †-   | 1   | ۲        |
|          | 47                    | †            | $\top$         | $\dagger$ | 1        | 1        | $\top$   | 1        | 1         | $\top$   | 1   | r        |
|          | 48                    | $\top$       | T              | 1         | Ι        | Ι        |          | Ι        | $\perp$   |  | ]   |          |
|          | 49                    |              |                | Ι         | Ι        |          |          | I        | I         | $oxed{\Box}$                                     | ]   |          |
|          | 50                    | $\mathbb{T}$ | Ι              | Ι         |          |          |          | L        |           |  |     |          |
|          |                       | _            |                |           |          |          |          |          |           |  |     |          |

|          |                                  |  |          | _            |          | -  |          |              |          | _            |
|----------|----------------------------------|--|----------|--------------|----------|--|----------|--------------|----------|--------------|
| Final    | Original                         |  |          |              |          |  |          |              |          |              |
|          | 51                               |  |          |              |          |  |          |              |          | $\neg$       |
|          | 51<br>52                         |  | _        |              |          |  |          |              |          | $\neg$       |
|          | 53                               |  |          |              |          |  |          |              |          | $\neg$       |
|          | 54                               |  |          |              | 1        |  |          |              |          |              |
|          | 53<br>54<br>55                   | $\neg$   |          |              | Г        |  |          |              |          |              |
|          | 56                               |  |          |              |          |  | Г        |              |          |              |
|          | 56<br>57                         |  |          |              | Г        |  | Г        |              |          |              |
|          | 58                               |  |          | $\vdash$     | Γ        |  |          |              |          |              |
|          | 59                               | П  |          |              | $\vdash$ | 1  | 一        | _            |          |              |
|          | 59<br>60                         | П  |          | Г            | T        | T  |          | _            |          |              |
|          | 61                               | Н  |          | _            | 1        |  | Т        |              |          | П            |
|          | 62                               | Н  | _        | Т            | t        |  | Г        |              |          |              |
|          | 62<br>63                         | Н  |          | ╁            | ⇈        | <u>†                                     </u>    | 1        |              |          | П            |
|          | 64                               | $\vdash$   |          | T            | ┢        | 1  | T        | 1            |          | П            |
|          | 64<br>65                         | Н  |          | 一            | ╁        | $\vdash$   | $\vdash$ | ┪            |          | П            |
|          | 66                               | Н  |          | $\vdash$     | ╁        | <u> </u>   | ╁╴       | _            |          | Н            |
|          | 67                               | $\vdash$   | -        | H            | 十        | 1  | _        | Н            | ┢        | П            |
|          | 67<br>68                         | $\vdash$   | $\vdash$ | $\vdash$     | 十        | <del>                                     </del> | t        | H            | _        | Н            |
|          | 69                               | <del>                                     </del> | $\vdash$ | H            | $\vdash$ | T  | T        | Г            | $\vdash$ | П            |
| _        | 70                               | H  | ┢        | 1            | Г        | 1  | Т        |              |          |              |
| -        | 70<br>71                         | -  | $\vdash$ | $t^-$        | ✝        | 1  | T        | $\vdash$     | Г        | П            |
| -        | 72                               | ┢  | -        | İΤ           | T        | ✝  | T        | t            | Г        | П            |
|          | 73                               | I  |          | T            | $\vdash$ | $\top$   | 1        | Ħ            |          | П            |
|          | 74                               | T  | $\vdash$ | t            | T        | T  |          | Τ            |          | П            |
|          | 72<br>73<br>74<br>75<br>76<br>77 | T  |          | $\top$       | 1        | Τ  | T        |              |          | П            |
|          | 76                               |  |          | 1            | T        | Τ  |          |              |          |              |
|          | 77                               | Т  |          | Τ            | T        | Т  | Т        | Т            |          |              |
|          | 78                               | Г  | Γ        | Г            | T        |  | T        |              |          |              |
|          | 78<br>79                         | Π  | Г        |              | Τ.       | Τ  | Τ.       |              |          |              |
|          | 80                               | Г  | Г        | П            | Т        | Г  |          |              |          |              |
|          | 81<br>82                         |  |          | Π            | Ι.       |  |          |              | L.       |              |
|          | 82                               | Γ  |          |              | 1_       |  |          |              | <u>L</u> | Ш            |
|          | 83                               |  |          | L            | L        |  |          |              |          | Ш            |
|          | 84                               |  |          |              |          |  | 上        |              | <u> </u> |              |
|          | 85                               | L  | <u></u>  | L            | $\perp$  | L  |          |              | _        | $oxed{oxed}$ |
|          | 86                               | L  | 乚        |              | L        | $\perp$  | 上        | 上            | _        | L            |
|          | 87                               | L  | L        | L            | 1_       | ┸  | _        | ┺            | ↓_       | Ш            |
|          | 88                               | <u> </u>   | L        | ┸            | ┸        | $\perp$  | 1_       | ╀            | 1_       | $\perp$      |
| <u> </u> | 88<br>89                         | <u> </u>   | L        | 丄            | 4_       | ┸  | ┺        | ╄            | ┺        | 1            |
| <u></u>  | 90                               | 丄  | 1_       | ┸            | ┸        | ╄  | ↓_       | ╄            | ↓_       | _            |
|          | 91                               | 1_   | ┖        | 1            | $\bot$   | $\bot$   | $\vdash$ | $\bot$       | +        | ₩            |
| <u> </u> | 92<br>93                         | $\bot$   | 1        | 1            | 4_       | +  | $\perp$  | $\bot$       | $\vdash$ | +-           |
| <u> </u> | 93                               | $oldsymbol{\perp}$                               | 1        | 4_           | 4        | ╀  | +-       | <del> </del> | 4        | 4-           |
| <u></u>  | 94                               | $\perp$  | 1        | $\downarrow$ | 4-       | $\bot$   | +        | $\perp$      | $\bot$   |              |
|          | 95                               | 4_   | ┞        | $\perp$      | 4-       | 4-   | 4-       | +            | 4-       | +            |
| <u></u>  | 96                               | ↓_   | ╄        | +            | +        | 4  | ╄        | +            | ╁        | +            |
|          | 97                               | +  | ╀        | +            | +        | +  | +        | +-           | +        | +-           |
|          | 98                               | +  | ╀        | +-           | +        | +  |          | +            | +-       | +            |
|          | 99                               | _  | 1        | +            | +        | +  | +        | +-           | +        | ┼            |

100

| Cla          |                   |  |          |                     | Date                    | 3                                      |          |          | $\neg$       |                 |
|--------------|-------------------|--|----------|---------------------|-------------------------|--|----------|----------|--------------|-----------------|
|              |                   |  |          |                     |                         |  |          |          |              |                 |
| <del>a</del> | Original          |  |          |                     |                         |  |          |          |              |                 |
| Final        | iĝ                |  |          |                     |                         |  |          |          |              | li              |
| "            | ō                 |  |          | l                   | 1                       | ĺ                                      |          |          |              |                 |
|              | 101               | -  | -        | ╁                   | ⊢                       | ├                                      | _        |          |              | Н               |
| $\vdash$     | 101<br>102        | $\vdash$   | ⊢        | ╀                   | $\vdash$                | $\vdash$                               | -        | $\vdash$ | H            | $\vdash \dashv$ |
| <u> </u>     | 102               |  | ⊢        | $\vdash$            |                         | ├-                                     | ⊢        | ┝        | -            | -               |
|              | 103               | _  | -        | ┝                   | ┝                       | H                                      | ⊢        | ┝        | H            | $\vdash$        |
| <u> </u>     | 104               | <b>-</b>   | -        | ┡                   |                         | ├-                                     | ┝        | -        | -            | Н               |
| <u></u>      | 105               | <u> </u>   | <u> </u> | ┞                   | ┡                       | ┞                                      | _        | -        | ⊢            | Н               |
|              | 106               |  | _        | ┞_                  | ┡                       | ╙                                      | <u> </u> | ļ        | <u> </u>     | Н               |
|              | 107               | L  | _        | <u> </u>            | <u> </u>                | <u> </u>                               | <u> </u> | _        | <del> </del> | Ш               |
| <u> </u>     | 108<br>109        | $ldsymbol{le}}}}}}}$ | _        | <u> </u>            | _                       | ┞_                                     | ᆫ        | _        | ┞_           | Ш               |
|              | 109               |  | L        | 乚                   | <u> </u>                | _                                      | 乚        |          | <u> </u>     | Ш               |
|              | 110               |  | <u></u>  |                     |                         |  | L        | 上        | 丄            | Ш               |
|              | 111               |  | _        | <u>L</u>            |                         | L                                      | _        |          |              | Ш               |
|              | 112               |  |          |                     |                         | L                                      |          | L        | _            | Ш               |
|              | 113               |  |          |                     |                         |  |          |          |              | $\Box$          |
|              | 114               | Γ  |          | Г                   |                         |  |          |          |              |                 |
|              | 113<br>114<br>115 |  | Г        | Τ                   | Т                       | Г                                      |          |          |              |                 |
|              | 116               |  | Γ        | T                   |                         | Π                                      |          | Г        |              | П               |
|              | 116<br>117        | $\vdash$   | Π        | Т                   | Т                       | 1                                      | Π        | Γ        | Π            |                 |
|              | 118               |  | Т        | 1                   | T                       | 1                                      | Τ        | 1        |              | П               |
| <b>—</b>     | 119               | $\vdash$   | $\vdash$ | 1-                  | $\vdash$                |  | Т        |          | Т            | T               |
| -            | 119<br>120        | ┢  | +-       | +                   | 1                       | ╁                                      | +-       | 一        | $\vdash$     | $\Box$          |
| -            | 121               | -  | ╁╌       | +                   | +                       | ╁╴                                     | ╁╌       | $t^-$    | ╁╌           | 1               |
| -            | 121<br>122<br>123 | ┢  | +-       | ╁                   | ╁                       | ╫┈                                     | ╁╌       | $\vdash$ | ╁╌           | $\vdash$        |
| <del> </del> | 122               | <del>  -</del>   | ╁╴       | ╁                   | ╁                       | ╁╴                                     | ╁╌       | +-       | +-           | $\vdash$        |
| -            | 123               | -  | ╁        | ╀                   | ╁                       | ╁                                      | ╁        | ╁        | ┿            | -               |
| -            | 124<br>125<br>126 | ⊢  | ╀        | ╁                   | ╀                       | ╁                                      | +-       | ╁        | ╁            | ┼─              |
| -            | 125               | ⊢  | ╀        | ╀                   | ╁                       | ╀                                      | ╀        | ╁        | ╁            | +               |
| -            | 126               | ┼  | ╀        | +-                  | ╀                       | ╀                                      | ╀        | ╁        | ╁            | ╁╌              |
|              | 127<br>128<br>129 | <b>├</b>   | +        | +-                  | +                       | ┼-                                     | ╄        | ┼-       | ╀            | +-              |
| _            | 128               | ╀  | ↓_       | ╀                   | 1                       | +                                      | ↓_       | ╀        | ╁            | -               |
| <u> </u>     | 129               | <u> </u>   | ╄        | ╀-                  | +                       | ╁                                      | ╄        | +-       | ╁            | <b>├</b>        |
|              | 130<br>131        | ↓_   | 1        | ╄                   | ┷                       | ↓_                                     | ↓_       | ↓_       | ╀-           | -               |
|              | 131               | <u> </u>   | 丄        | $\perp$             | _                       | $\perp$                                | 1        | $\perp$  | $\perp$      | ↓_              |
|              | 132               | ļ  | ┸        | 1_                  | 丄                       | ⊥_                                     | 上        | $\perp$  | ┸            | 1_              |
|              | 132<br>133        | <u> </u>   | 1        | 1_                  | ┸                       | ↓_                                     | $\perp$  | 1_       | 1            | _               |
|              | 134               | L  |          | $\perp$             | 丄                       | 1_                                     |          | 1_       | 1            | ↓_              |
|              | 135               |  | L        |                     |                         |  | $\perp$  | $\perp$  | $\perp$      |                 |
|              | 135<br>136        |  | L        | $\mathbb{L}$        |                         |  |          | L        | L            |                 |
|              | 137               | $\Gamma$   | Ι        | $oldsymbol{\Gamma}$ | $oldsymbol{\mathbb{L}}$ | $oxed{oxed}$                           | $\perp$  |          |              |                 |
|              | 138<br>139        | Т  | Τ        | Т                   | $\Gamma$                | $I^{-}$                                | $\prod$  | $\perp$  | $\perp$      | $oxed{oxed}$    |
|              | 139               |  | Τ        | Τ                   | T                       | T                                      |          |          |              | $I^{-}$         |
|              | 140               | 1  | Т        | Т                   | Т                       | Т                                      | Τ        | T        | T            |                 |
|              | 141               | $\top$   | T        | 十                   | T                       | $\top$                                 | Τ        | Т        | Τ            | 1               |
|              | 142               | T  | 1        | 1                   | 1                       | $\top$                                 | 1        | Ť        | 1            |                 |
|              | 143               | +-   | T        | 十                   | T                       | †                                      | T        | 1        | 1            | T               |
|              | 144               | +  | +        | 十                   | $\top$                  | 十                                      | T        | T        | $\top$       | T               |
| H-           | 145               | +  | $^{+}$   | +                   | +                       | +                                      | +        | 十        | $\top$       | $\top$          |
| -            | 146               |  | ╁╴       | +                   | +                       | +                                      | +-       | +        | +            | +               |
| -            | 147               |  | +        | +-                  | +                       | +                                      | +        | +        | +            | +-              |
| -            | 148               |  | +        | +                   | +                       | +-                                     | +        | +        | +            | +               |
| -            |                   |  | ╁        | +-                  | ╁                       | ╫                                      | +        | +        | +            | +               |
| -            | 149               | +  | +        | +                   | +                       | +                                      | ╁        | +        | +            | +               |
|              | 150               | 1_   |          |                     | 丄                       | ــــــــــــــــــــــــــــــــــــــ | 丄        |          |              |                 |